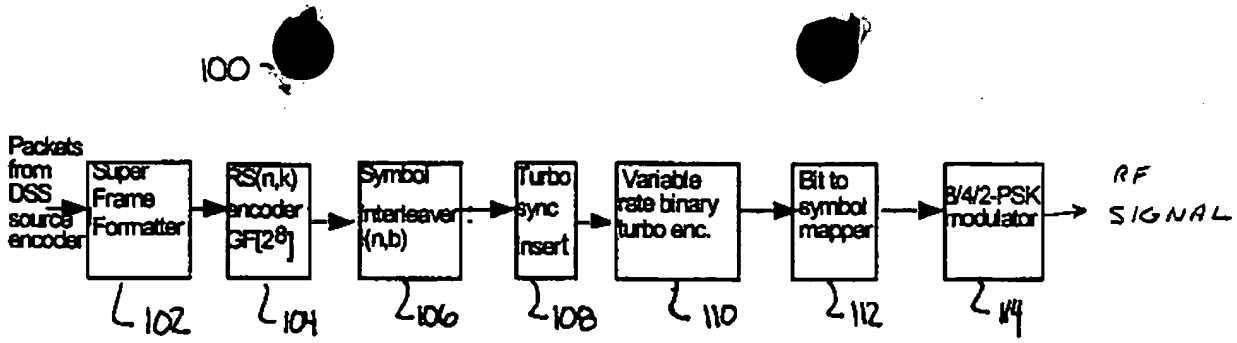

100
Packets from DSS source encoder
Super Frame Formatter
RS(n,k) encoder GF[2^8]
Symbol Interleaver (n,b)
Turbo sync insert
Variable rate binary turbo enc.
Bit to symbol mapper
8/4/2-PSK modulator
RF SIGNAL
102
104
106
108
110
112
114

FIG. 1

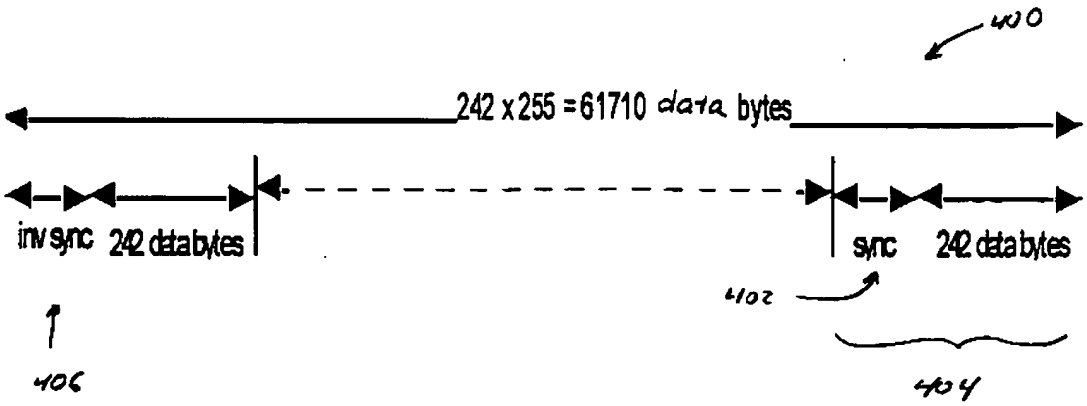

400
242 x 255 = 61710 data bytes
inv sync
242 data bytes
sync
242 data bytes
402
404
406

FIG. 4

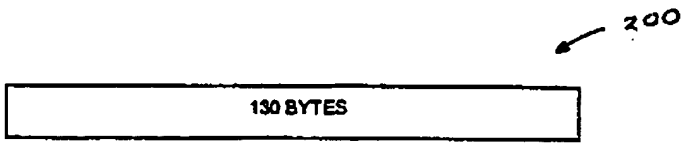


FIG. 2

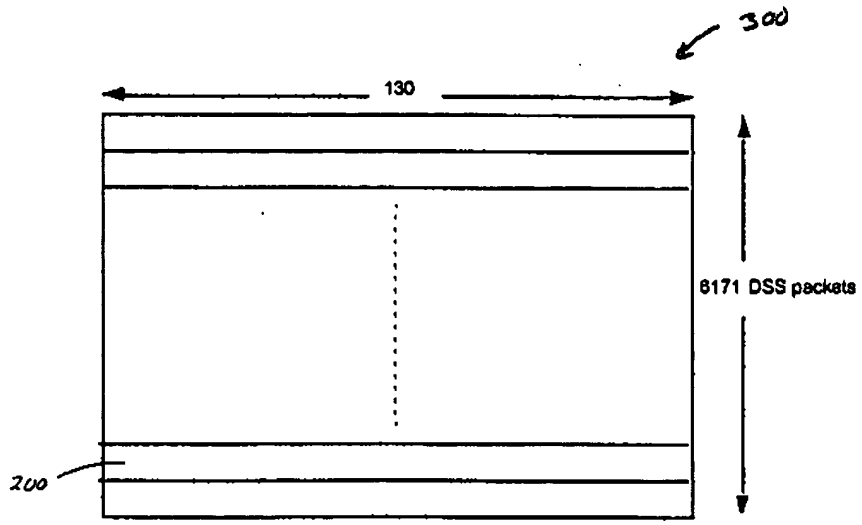


FIG. 3

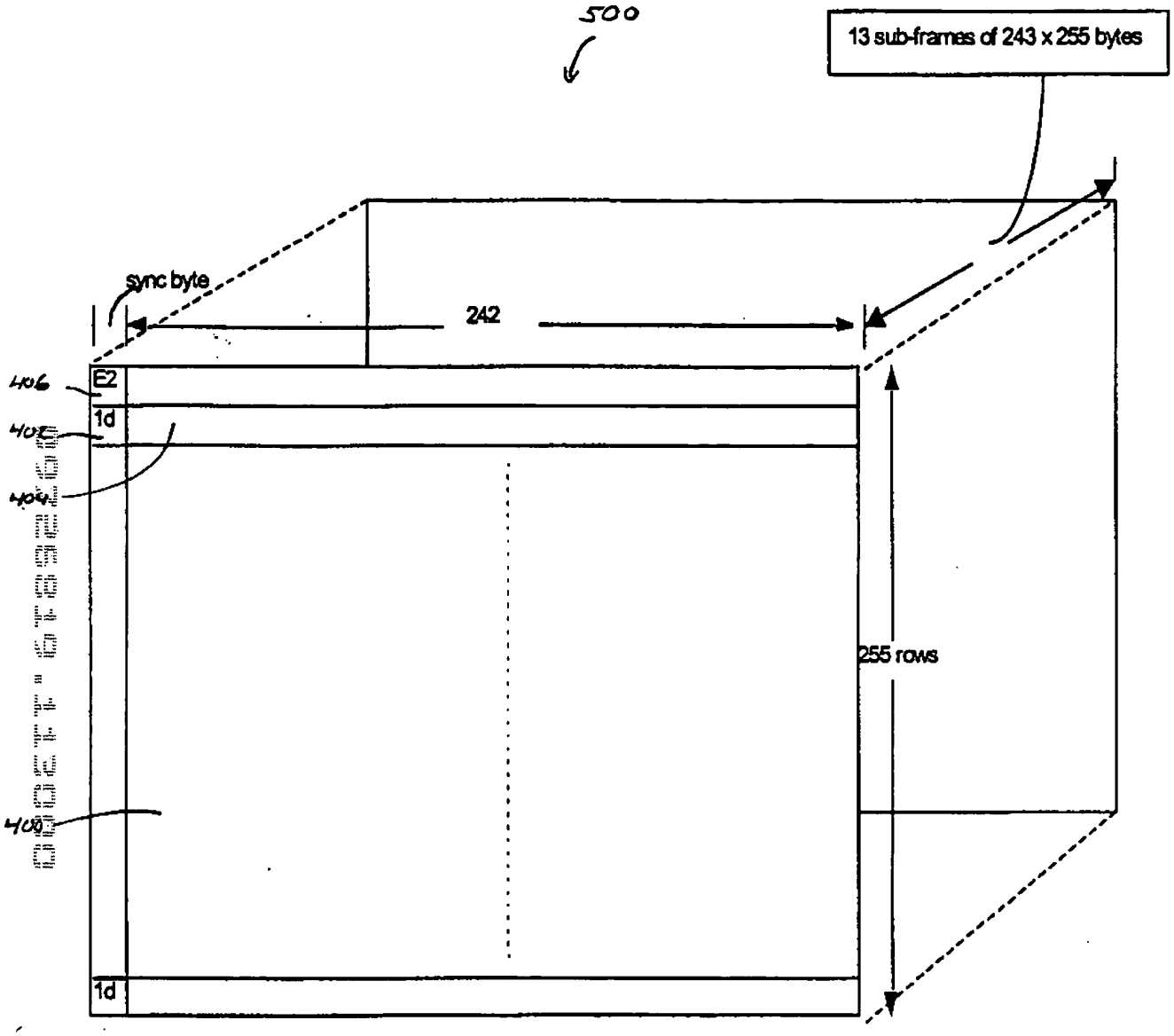

500
13 sub-frames of 243 x 255 bytes
sync byte
242
406
E2
1d
255 rows
1d

FIG. 5

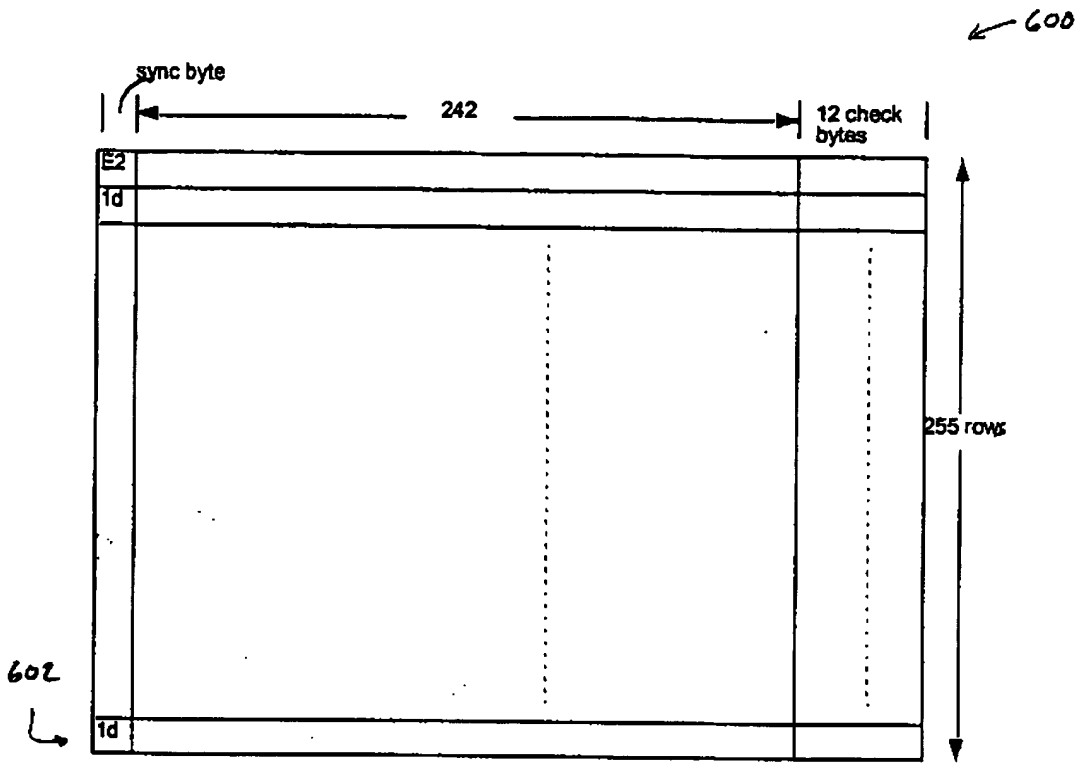

600
sync byte
242
12 check bytes
E2
1d
255 rows
602
1d

FIG. 6

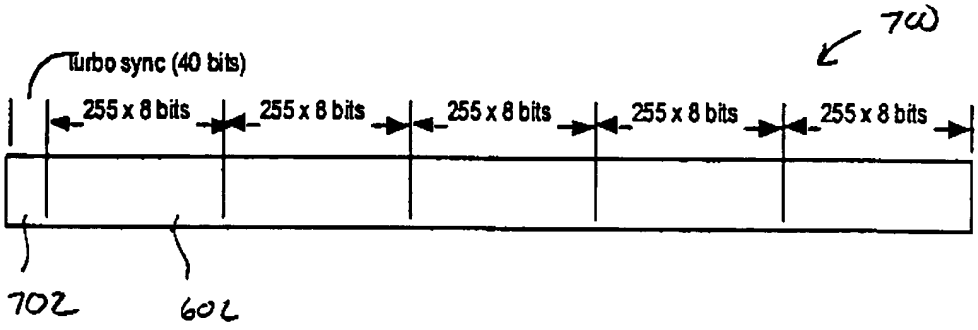

700
Turbo sync (40 bits)
255 x 8 bits
255 x 8 bits
255 x 8 bits
255 x 8 bits
255 x 8 bits
702
602

FIG. 7

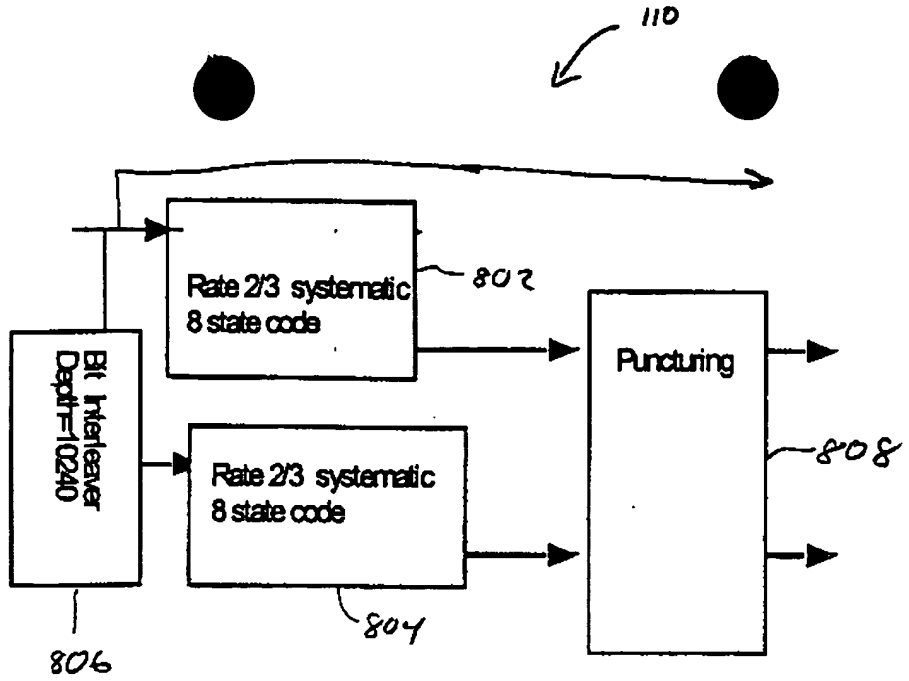


FIG. 8

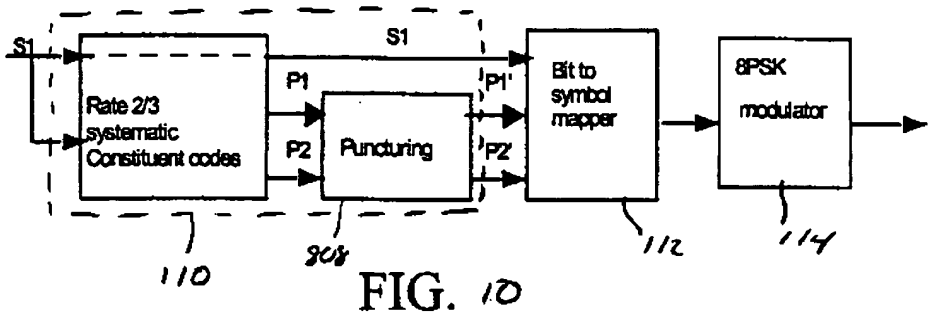


FIG. 10

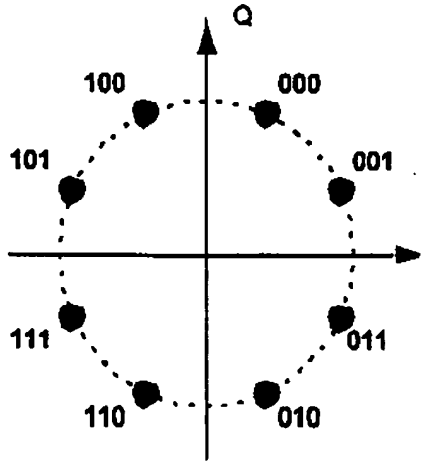


FIG. 11

FIG. 9a

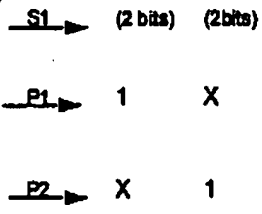


FIG. 9b

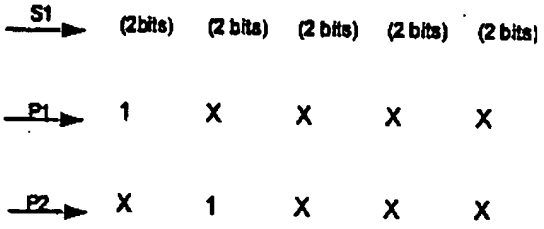


FIG. 9c

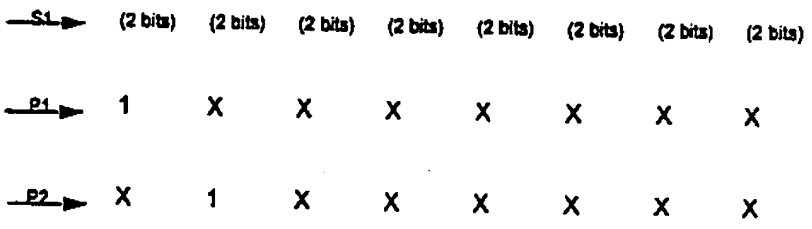


FIG. 9d

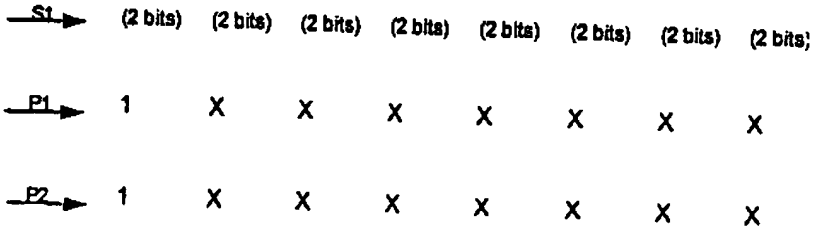
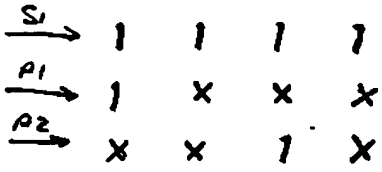


FIG. 9e



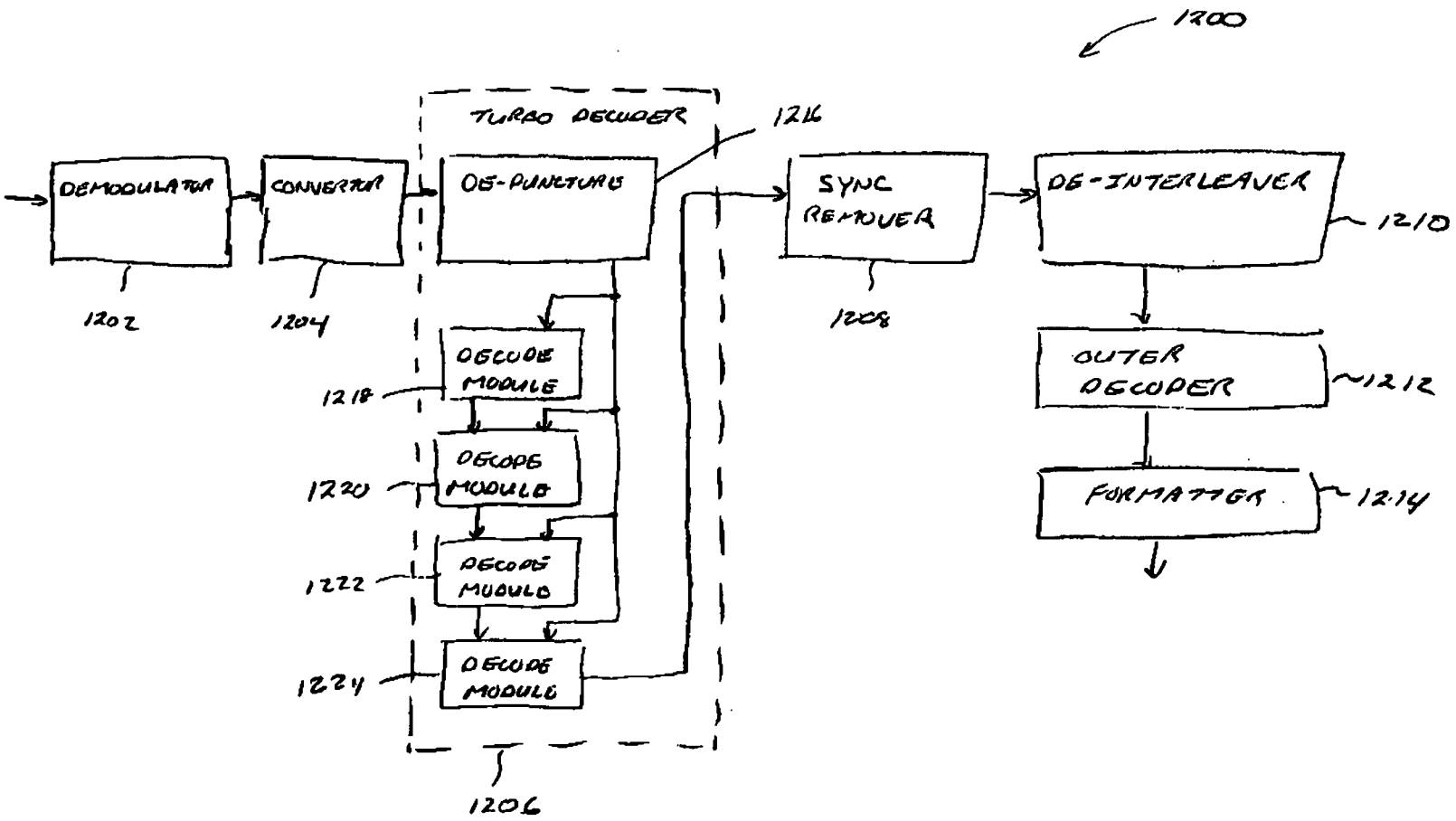


FIG. 12

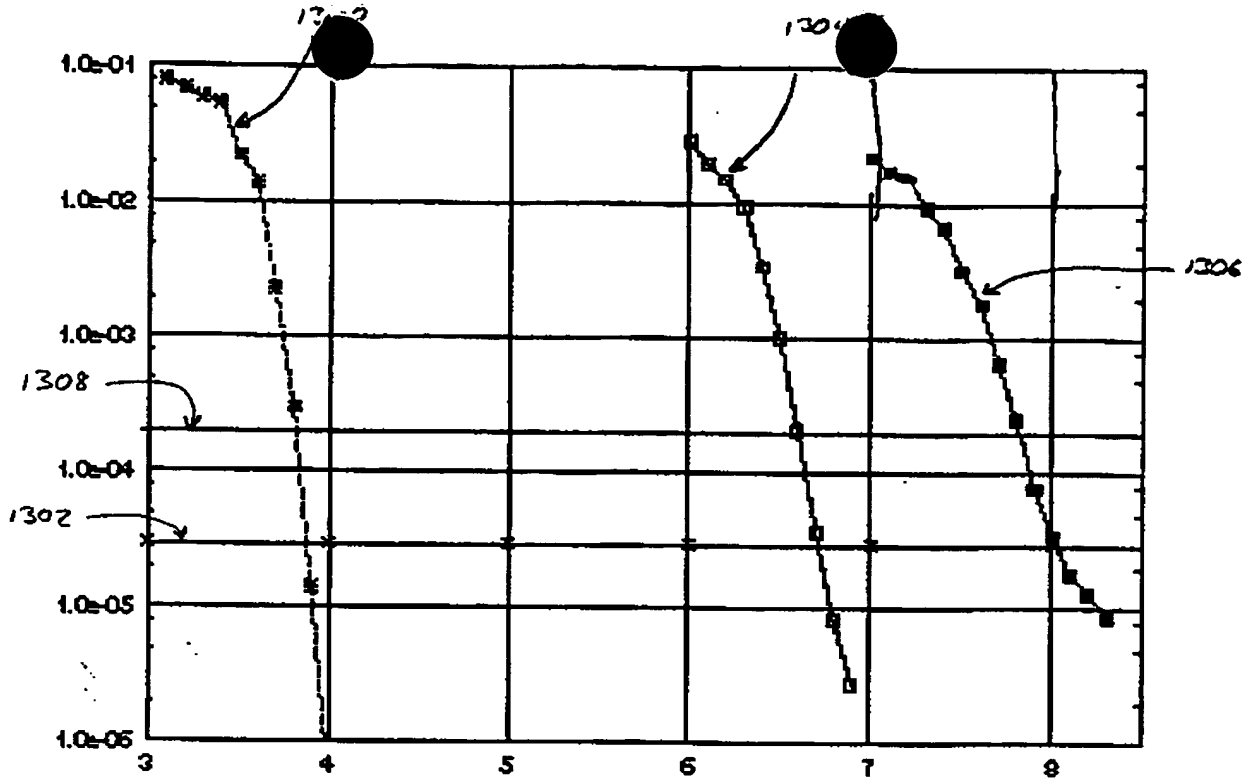


FIG. 13